

0005



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 7, 1986

Office of Surface Mining
Albuquerque Field Office
219 Central Avenue, NW
Albuquerque, New Mexico 87102

Attention: Mr. Henry Austin


Ladies and Gentlemen:

RE: Bond Release Information, Beaver Creek Coal Company,
Huntington #4 Mine, INA/015/004, #5, Emery County, Utah

Enclosed please find all of the correspondence thus far relating to the Huntington #4 Phase I Bond Release. We will keep you informed of any further correspondence or actions relating to this matter.

If you have any questions, please let me know.

Best regards,


Pamela Grubaugh-Littig
Reclamation Engineer

btb
Enclosures
cc: Lowell Braxton
John Whitehead
8808R-32

FILE COPY



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 24, 1986

Mr. Gene Nodine, District Manager
Bureau of Land Management
82 East Dogwood
Moab, Utah 84532

Dear Mr. Nodine:

RE: Approval of Phase I Bond Release, Huntington #4,
ACT/015/004 #5, Emery County, Utah

Attached is a copy of the memorandum documenting the recent Phase I bond release inspection at the Huntington #4 reclamation site on June 12, 1986. If you have any problems with the content of the memo or the recommendation for the Phase I bond release, please contact the Division, otherwise your written concurrence is requested by July 25, 1986.

Thank you for your cooperation.

Sincerely,

for Lowell P. Braxton
Administrator

Enclosure(s)

djh

Copy: P. Grubaugh-Littig
8808R-38

June 23, 1986

TO: File

FROM: Pamela Grubaugh-Littig, Reclamation Engineer *pgl*

RE: Phase I Bond Release Inspection at Huntington #4,
ACT/015/004, #5, Emery County, Utah

The Phase I bond release inspection at the Huntington #4 mine was held on June 12, 1986. In attendance were:

Allen Vance	Bureau of Land Management
Henry Austin	Office of Surface Mining
	(New Mexico Field Office)
Don O'Brien	Office of Surface Mining
	(WTC Technical Support Group)
Brent Barney	U.S. Forest Service
Walt Nowak	U.S. Forest Service
Dan Guy	Beaver Creek Coal Company
Jay Marshall	Beaver Creek Coal Company
Mel Coonrod	Consultant
Bill O'Brien	Consultant
Dan Duce	Division of Oil, Gas & Mining
Phil Ralphs	Division of Oil, Gas & Mining
John Whitehead	Division of Oil, Gas & Mining, and
Pamela Grubaugh-Littig	Division of Oil, Gas & Mining

The reclamation site was inspected by walking on foot throughout the entire reclaimed area. The backfilling and grading was notably rougher in certain areas of the project, which may promote better vegetative success as well as being more consistent with the surrounding terrain. The backfilled areas had been ripped and scarified for better root penetration.

A slight deviation from the backfilling and regrading plan was necessary on a section of the upper road (from station 32+00 to 45+00). The reclaimed section in this area has a 10' - 15' wide flat or slightly sloping area between the downslope and the highwall

page 2
Memo to File
ACT/015/004
June 23, 1986

backfill area, instead of the typical single point transition. The variation of this location was due to the presence of a massive ledge rock just below the outslope fill area. There were also large rocks (greater than 8") scattered throughout the reclaimed site. Both of these deviations from the approved plan were acceptable upon inspection of the site.

Plate 3-8 in the approved plan indicates the reclaimed (post-mining) topography. A reduced copy of this plate (attached) designates areas in drainages (totalling less than a half acre) that may be potential erosion problems. The steepness of the terrain and intensity associated with thunderstorms may require some earthwork and repair in the future. Some tension or settling cracks were noted that should be observed and monitored in the future.

There was evidence that animals had browsed some of the tops of the small shrubs. Animal droppings (elk) were also found on the reclaimed site.

Portions of the silt fence needed maintenance. The installation of the fence was backwards in some areas and some of the silt fence had decomposed (a quality control problem possibly). The decomposed sections of the silt fence should be replaced. However, no signs of any sediment movement off-site were apparent.

Two issues were raised by the U.S. Forest Service. One of these issues was the berm on the main road, the other was the removal of a concrete weir in the creek. (The removal of the concrete weir was not required by the Division of Oil, Gas and Mining.) Both of these items will be handled directly between Beaver Creek Coal Company and the U.S. Forest Service.

The Bureau of Land Management has already stated that they have no objection to the partial release of the performance bond. (Letter to Dan Guy from Kenneth V. Rhea, dated March 28, 1986.)

The Division recommends Phase I bond release (60% of the bond, \$216,062.40). This recommendation is based upon the backfilling and grading and drainage control that has been completed at this site. Although there is the possibility of more work that may be needed for the repair of the rills and gullies, monies have already been included in the annual monitoring costs for this work, \$11,840/year.

djh
9075R-42

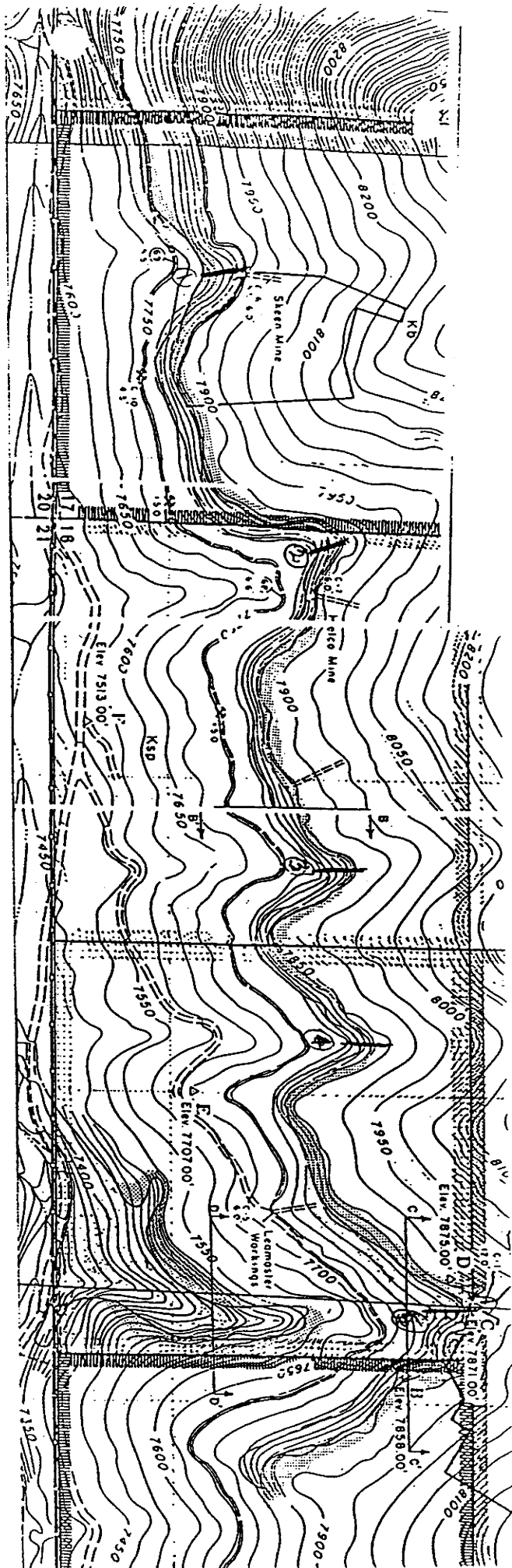


PLATE 3-8

HUNTINGTON #4 RECLAMATION

POST-MINING TOPOGRAPHY

ORIGINAL SCALE 1"=200'

NOTE: DRAINAGES AND SETTLING OR TENSION CRACKS INDICATED